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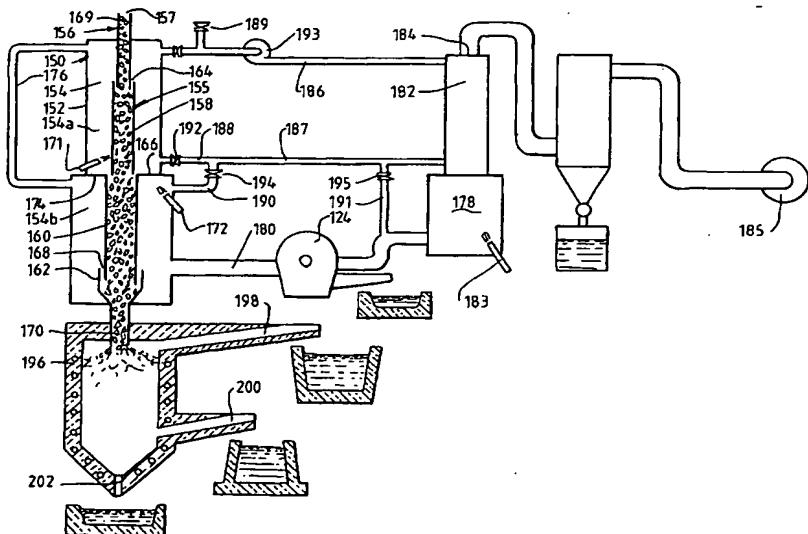
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(54) Title: PROCESS AND APPARATUS FOR EXTRACTING ZINC



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(57) Abstract: A process for extraction of zinc from a material containing one or more iron oxides and zinc oxide includes heating a composite body of the material and a carbonaceous material in a reduction zone. The reduction zone contains a reducing atmosphere at a temperature insufficient to effect melting of the iron in the material but at a temperature and for a time sufficient to form a reductant from the carbonaceous material and to reduce a predetermined amount of the zinc oxide to zinc vapour. The process also includes collecting the zinc vapour and cooling it to form liquefied or solid zinc.